MASTER COLLECTION

PHILIPS

Mini300

petrol station lighting

lighting solutions that really last

The MASTER Collection – Lighting solutions that make business sense.
Offering best in class energy efficiency, lifetime reliability and lighting quality, Philips MASTER Collection lamps, luminaires and control gears minimise your lighting solution's total cost of ownership. You can start enjoying significant savings and benefits from day one by replacing your conventional lighting products with Philips MASTER Collection upgrades. You can achieve even more dramatic savings and improvements by switching your whole lighting system to the Philips MASTER Collection.

Imagine an oasis of fresh clean light. One that sparkles and radiates. Welcoming with clarity and space. Imagine moving freely around, seeing vivid colours, minute details. All while bathing in the clean white light. Now, imagine that you have created all these sensations for less cost than anyone thought possible. Better still, that you've actually reduced energy consumption by a massive 35%.

Now you're beginning to realise the power of 21st Century petrol station lighting... with Philips.

the world's most efficient

under-canopy lighting

In today's environment of continuous innovation, it's not often that a genuine breakthrough in technology is made. But that's exactly what the new Mini 300 is. Because instead of reducing energy consumption by a few valuable percentage points, the new Mini 300 slashes energy consumption by a massive 35%.

Add to that an unparalleled 'daylight' colour rendering of Ra 96 and you can see just why everyone is getting excited about the world's most efficient under-canopy luminaire yet invented.

Compare the new Mini 300 against the current market leader, the MPF series:

35% less energy
Achieved by a special patented optic coating (which reflects 97% of the light) and by use of a 150W lamp instead of the MPF's 250/400W.

Significantly better colour rendering
Achieved by using the new CDM-TD lamp which has a Colour Rendering Index of 96 (compared to an index of 65 from the MPF series). This creates an inviting atmosphere.

Smaller size
Smaller lamp means smaller housing and smaller cut-out dimensions (36cm instead of 47cm), for a more compact, stylish installation.

More safety
Specially engineered louvres shield drivers' eyes from the burner, so even from a fast moving vehicle drivers can clearly see people on the forecourt.

More corporate identity
With the high colour rendering and a colour temperature that creates a daylight impression (4,200K), people see your true corporate colours – as you intended.

More sparkle
The Mini 300's minute burners are reflected on surfaces as tiny pin-points of light. Cars sparkle and everything looks brighter, cleaner.

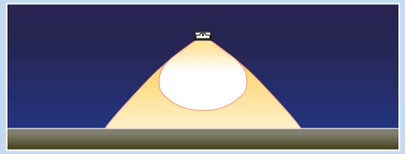
Easier cleaning
The luminaire is IP65, which means that it is well sealed. Moreover it is jet and dust proof for easy hose spray cleaning.

More mounting possibilities
The new Mini 300 can be recessed or surface-mounted in the canopy, or on poles and walls.

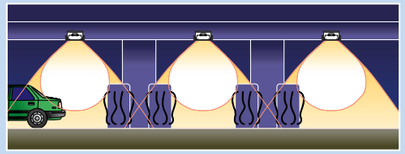
Easy installation
Just one man, just 10 minutes. Simply hang the luminiare with the provided mounting accessories, make the electrical connection, and swing the luminaire into its locking position.

Easy upgrade
Upgrading from the MPF series is easy. A simple adapter plate means that the same frames and canopy cut-outs are used.

Philips 3D lighting concept

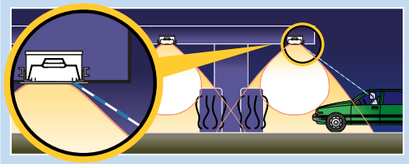


Unique to Philips, the 3D concept directs light to selected vertical planes so that fuel pumps and car sides are illuminated well. Conventional lighting mainly directs light downwards, without attention to vertical surfaces.



While at the fuel bay, the vertical surfaces of the fuel pumps are clearly illuminated. Everything is visible: pumps, people, columns and cars.

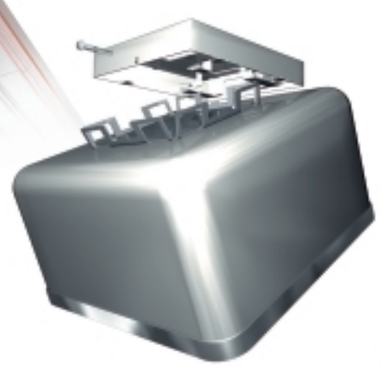
As your customers approach the fuelling bay asymmetrical beam spreads keep the light within your station's forecourt, accentuating your corporate image.



Improved safety – thanks to the tightly controlled beam spread, there's no glare from the burner entering the driver's eye on approach. So even at high speeds, drivers can clearly see people filling up.

DBP300 1xCDM-TD 150W

The Mini 300 is bolted into the canopy and comes with a mounting frame for fast, precision installation. The frame also sandwiches the cladding for a very sturdy fitting.



DCP300 1xCDM-TD 150W

For surface mounting, the Mini 300 comes with a special hinge plate that connects to the bracket in any direction – making installation fast and foolproof.

DBP300 1xCDM-TD 150W TB

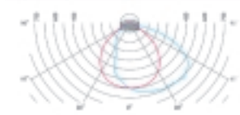
DCP300 1xCDM-TD 150W TB

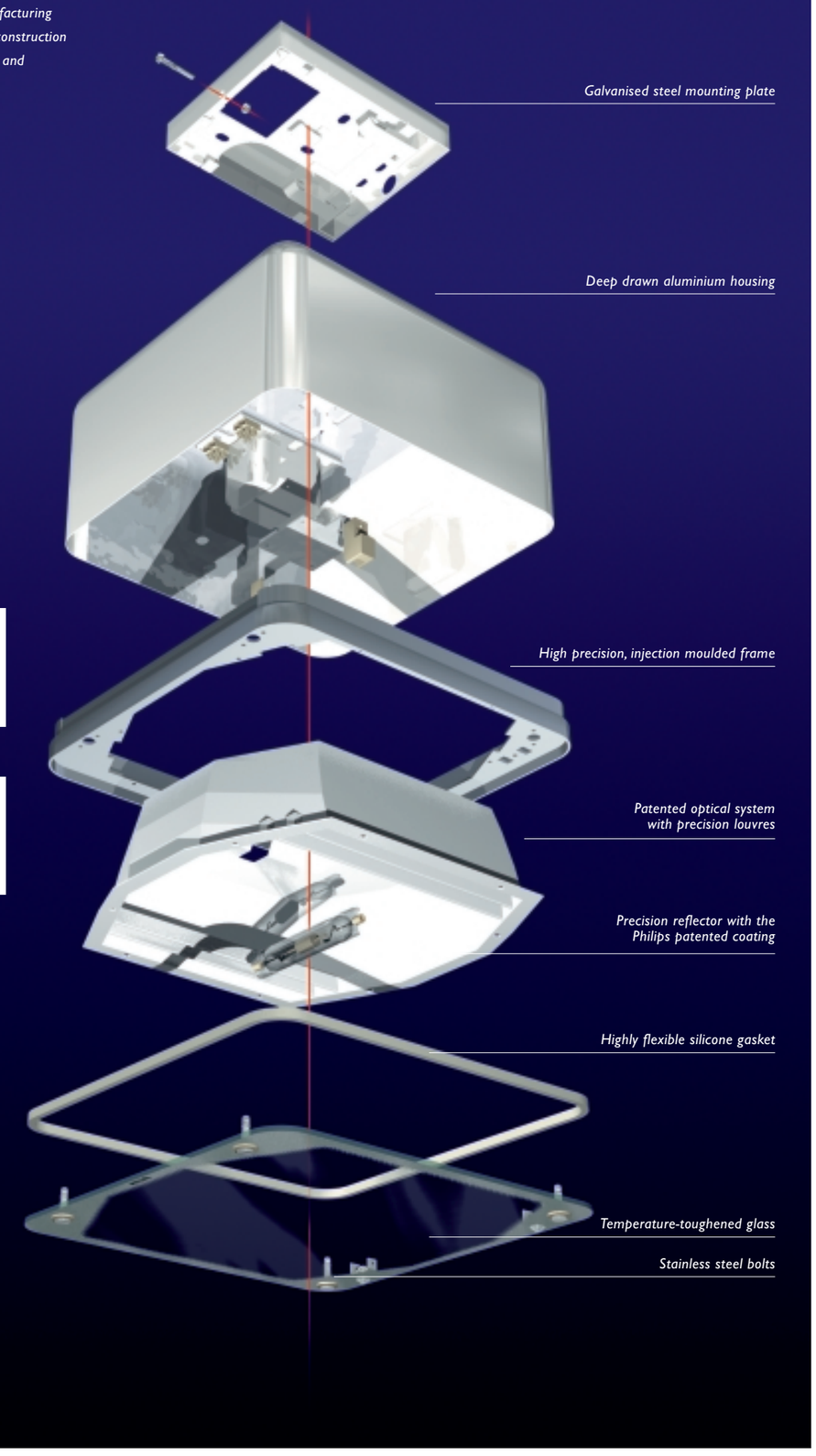
The Mini 300 Beacon enhances the identity and image of petrol stations by capturing the attention of drivers even from a distance. The tightly controlled beam spread feature minimizes glare ensuring safety and visual comfort for drivers when they are approaching, departing and under the canopy.

Even though the Mini 300 is competitively priced, we've used only the best quality materials and manufacturing processes. This 'no-compromise' construction policy results in easy installation and long-lasting performance.

Sym WB

A-sym WB



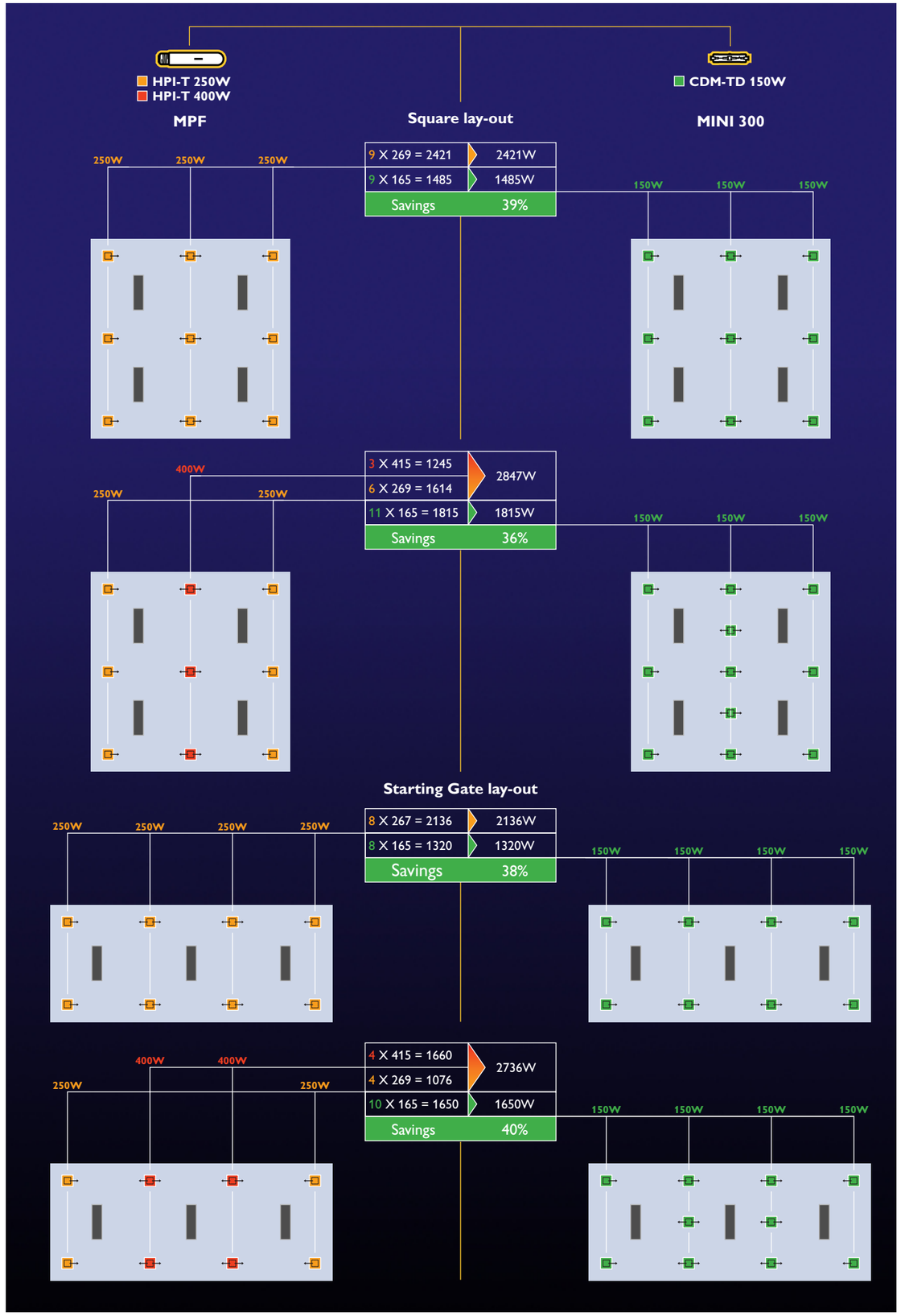

Galvanised steel mounting plate
Deep drawn aluminium housing
High precision, injection moulded frame
Patented optical system with precision louvres
Precision reflector with the Philips patented coating
Highly flexible silicone gasket
Temperature-toughened glass
Stainless steel bolts

Daylight visibility

Even with less energy, the Mini 300 creates a bright 'sunny' atmosphere. That's because the sparkling light and its high colour rendering are directed to vertical as well as horizontal surfaces. The result? People feel more alert and even happier.

Upgrade to 35% less

The schemes to the right show how luminaires using 250/400W lamps can be replaced by Mini 300s with 150W lamps. More Mini 300s will be necessary in some schemes but the dramatic wattage reduction from 250/400W to 150W always results in an overall 35+% energy saving.



brighten-up your approach areas
and extend your corporate image with

area lighting

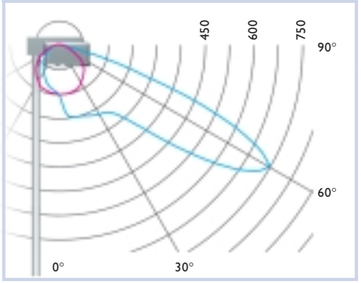
The Mini 300 is cost competitive and highly economical to run – so why not use its superb daylight quality to brighten up your approach areas and parking lots? The whole petrol station experience becomes brighter, cleaner and more enjoyable. And from a distance, the petrol station becomes a crystal clear landmark.

Improved safety
And it's not just your corporate image you'll be improving. Because, by providing the same type of light at the approach and departure areas as used in the forecourt you also improve the visibility and safety of your customers. Especially when your lighting schemes gradually adapt the driver's eye, helping the driver to adjust from the 'yellow' road lighting. On average lighting levels should be approximately 10 to 12% of those used in the forecourt, but depending on a variety of parameters Philips can advise on the exact levels to optimise driver comfort and safety.

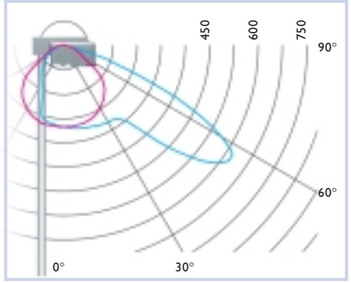
More inviting, especially for women
Market research shows that up to 95% of all women feel anxious at nighttime petrol stations, perceiving them to be dark intimidating places. But with better, more natural lighting such feelings are substantially reduced, creating greater customer loyalty from everyone.

The choice of beam spreads includes asymmetrical-wide, -medium and -narrow beams to ensure maximum safety and optimal comfort.

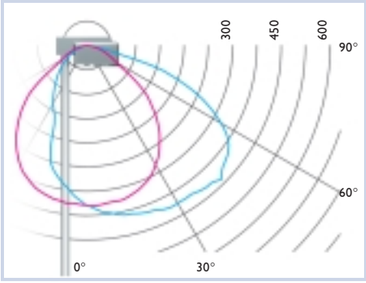
DGP300 1xCDM-TD 150W/K A NB SI

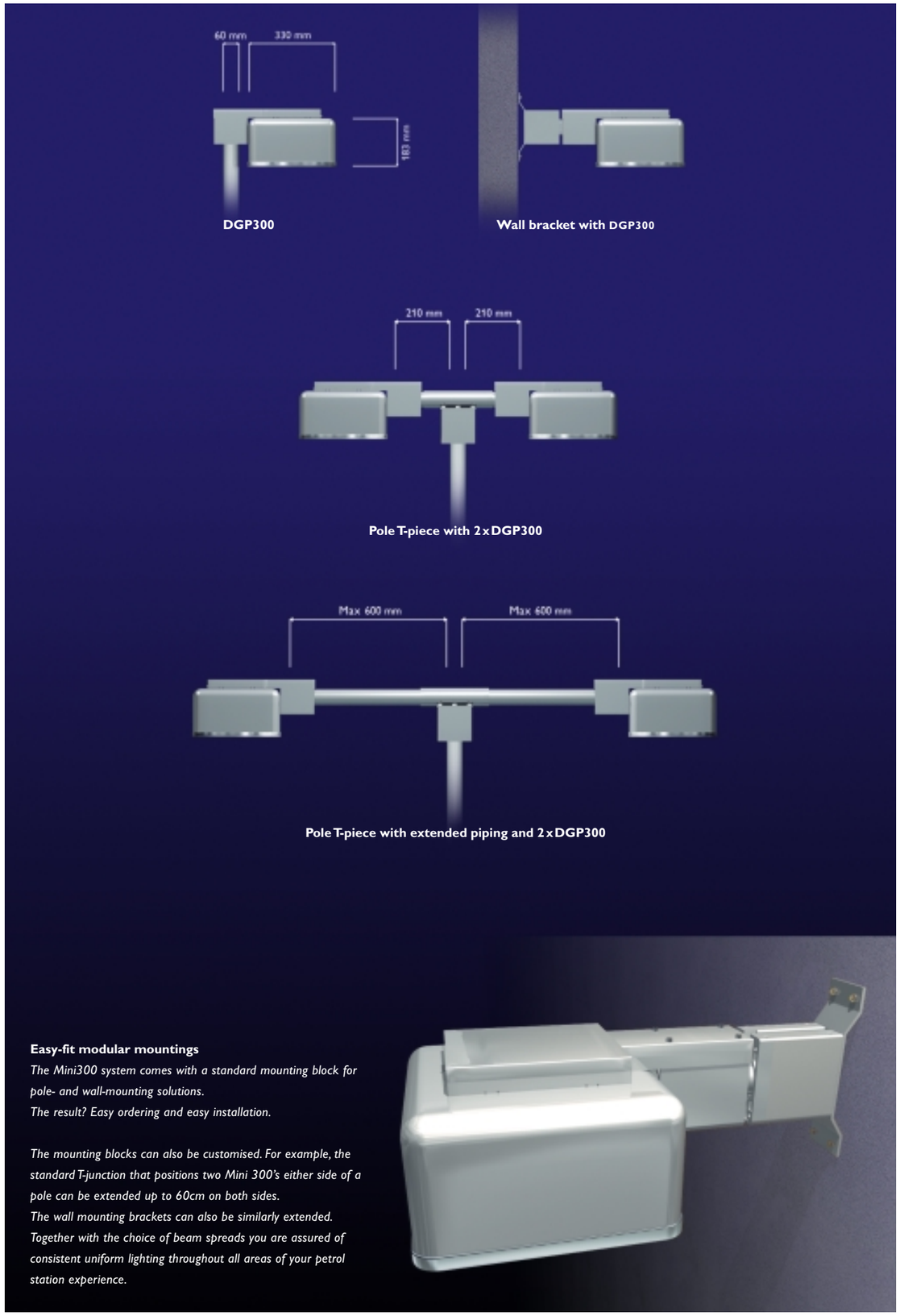


DGP300 1xCDM-TD 150W/K A MB SI



DGP300 1xCDM-TD 150W/K A WB SI





Easy-fit modular mountings

The Mini300 system comes with a standard mounting block for pole- and wall-mounting solutions.
The result? Easy ordering and easy installation.

The mounting blocks can also be customised. For example, the standard T-junction that positions two Mini 300's either side of a pole can be extended up to 60cm on both sides.
The wall mounting brackets can also be similarly extended.
Together with the choice of beam spreads you are assured of consistent uniform lighting throughout all areas of your petrol station experience.

leaders in petrol station lighting

For more than a decade, the specialist team of petrol station lighting professionals at Philips has pioneered under-canopy lighting. Each year developing new ways to improve safety, reduce costs and maximise customer satisfaction. But now Philips Lighting introduces its most dramatic innovation yet: the Mini 300. More light and more quality than ever – for a massive 35% less energy.

Not surprisingly then, that recently one of the world's major oil companies chose the Mini 300 for a revolutionary canopy lighting system powered by thin film solar panels. Read this brochure and you'll not only see why, but you'll want the Mini 300 for your stations.

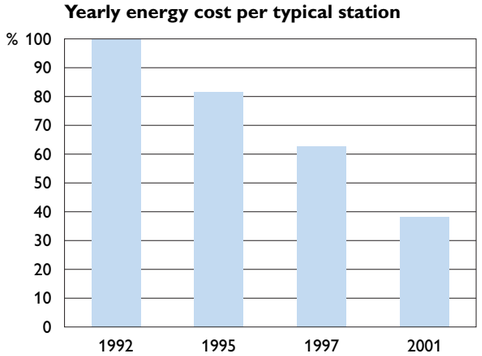
Call your local Philips Lighting sales manager and discover how Philips Lighting solutions will breathe new life into all areas of your petrol stations. From the approach roads and parking lots, to the all-important forecourt and high margin shop environment.

With Philips on your team, you'll not only create a truly welcoming atmosphere you'll also improve customer safety too, with better visibility thanks to less glare and more natural light.

It all makes compelling sense – especially when you think about the massive energy savings you'll be making.

Call today.

Yearly energy cost per typical station

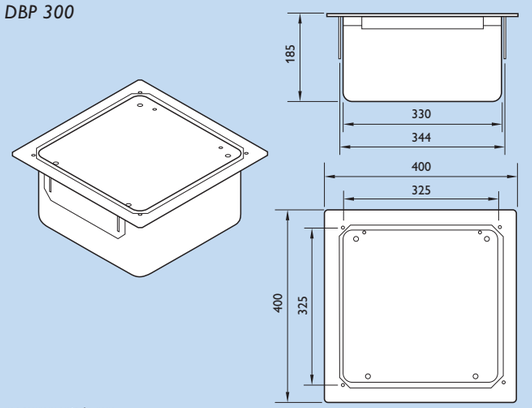


Product specifications

Mechanical	Housing	Deep drawn aluminium
	Reflector	High-quality aluminium with the Philips patented coating, integrated with precision louvres
	Front glass	Temperature-toughened
	Mounting rim and plates	Galvanized steel
	Operating temperature	-20°C – +45°C
	Ingress protection	IP65
	Option	Mini 300 Beacon Cover (transparent bowl)
Electrical	Lamp	Ceramic Discharge Metal Halide CDM-TD 150W Lamp color temperature: 4,200K (3,000K color is available as an option) Lumen output: 14,200 lumen (13,250 lumen for 3,000K lamp) Efficacy : 95 lumen/watt Color rendering index : 96 Average rated lifetime : 15,000 hours
	Control gear	Electromagnetic ballast: BSN150 L302 ITS (HF ballast is available upon request) Mains : 220Vac/50Hz (other systems are available upon request) Watt loss: 17W Power Factor : >=0.85 Ignitor: SN58 (semi-parallel)
Installation	Recessed Surface-mounted Pole-mounted	
Product compliance	IEC598	

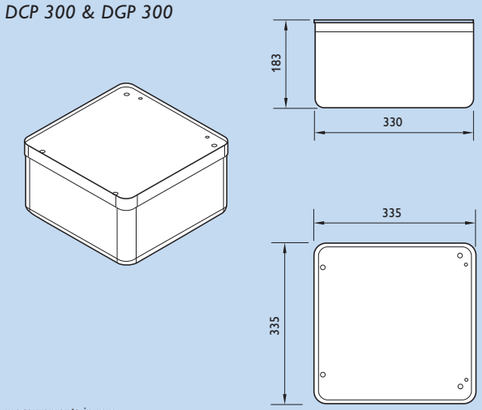
Product dimensions

DBP 300



measurements in mm

DCP 300 & DGP 300



measurements in mm

Ordering Data

Product Description	Lamp	Packing Unit	Packing weight (kg)	Dimensions LxWxH (mm)	Ordering Number
DBP300 1xCDM-TD 150W/942 K A WB MR WH	CDM-TD 150W/942	1	8	440x420x255	9104 016 32480
DBP300 1xCDM-TD 150W/942 K S WB MR WH					9104 016 32580
DBP300 1xCDM-TD 150W/942 K A WB WH				370x370x255	9104 016 32680
DBP300 1xCDM-TD 150W/942 K S WB WH					9104 016 32780
DCP300 1xCDM-TD 150W/942 K A WB WH			8.5		9104 016 32880
DCP300 1xCDM-TD 150W/942 K S WB WH					9104 016 32980
DGP300 1xCDM-TD 150W/942 K A WB SI			10	440x395x255	9104 016 33080
DGP300 1xCDM-TD 150W/942 K A MB SI					9104 016 33180
DGP300 1xCDM-TD 150W/942 K A NB SI					9104 016 33280

Notes:
Standard product: 220V/50Hz / Standard lamp color: color temperature 4,200K
Other electrical systems for gears, electronic control gear, and lamp of color temperature 3,000K are available upon request
To replace MPF9xx luminiares, a recessed adaptor plate (ZBP300IP WH) is available upon request (no further repairs required to the canopy ceiling).
Specifications subject to modification without prior notice.

K = Kombi (luminaire comes complete with lamp)
A = Asymmetrical light distribution
S = Symmetrical light distribution
WB = Wide beam light distribution
MB = Medium beam light distribution
NB = Narrow beam light distribution
WH = White color
SI = Silver color

DESIGNED BY PHILIPS DESIGN HONG KONG 2003

Hong Kong – Philips Electronics Hong Kong Ltd.
Lighting Asia Pacific Headquarters
27th Floor, Hopewell Centre
17 Kennedy Road, Wanchai, Hong Kong
Tel: + 852 2821 5300
Fax: + 852 2821 5342
E-mail: ltinfo.hongkong@philips.com

Australia – Philips Lighting
Level 1, Philips House
65 Epping Road, North Ryde
NSW 2113, Sydney, Australia
Tel: + 61 2 9947 0000 or
1300 304 404 (toll free-local only)
Fax: + 61 2 9947 0325
E-mail: ltinfo.australia@philips.com

China – Philips Lighting
No. 1805 Hu Yi Road, Malu Town
Jiading District, Shanghai, 201801, P.R.China
Tel: + 86 21 5915 4060
Fax: + 86 21 5915 4064
E-mail: ltinfo.china@philips.com

India – Philips Lighting
Lighting Division
Motorola Excellence Centre, 5th Floor
415/2 Mehrauli-Gurgaon Road
Sector-14, Haryana-122001, India
Tel: + 91 124 509 1900
Fax: + 91 124 509 1912
E-mail: ltinfo.india@philips.com

Indonesia – Philips Lighting
Gedung Philips
Jl. Buncit Raya Kav. 99-100
Jakarta 12510, Indonesia
Tel: + 62 31 8491 674 or
0800 10 52678 (hotline-local only)
Fax: + 62 31 8473 240
E-mail: ltinfo.indonesia@philips.com

Japan – Philips Lighting
Philips Building
13-37, Kohnan 2-chome
Minato-ku, Tokyo 108-8507, Japan
Tel: + 81 3 3740 5156
Fax: + 81 3 3740 5163
E-mail: ltinfo.japan@philips.com

Korea – Philips Lighting
260-199 Itaewon-dong
Yongsan-ku, Seoul 140-200, Korea
Tel: + 82 2 709 1312
Fax: + 82 2 709 1350
E-mail: ltinfo.korea@philips.com

Malaysia – Philips Lighting
76, Jalan Universiti
46200 Petaling Jaya
Selangor Darul Ehsan, Malaysia
Tel: + 60 3 7957 5511
Fax: + 60 3 7955 2739
E-mail: ltinfo.malaysia@philips.com

New Zealand – Philips Lighting
2 Wagener Place, Mt Albert
PO Box 1041, Auckland, New Zealand
Tel: + 64 9 815 4000 or
0800 454 448 (toll free-local only)
Fax: + 64 9 849 7812 or
0800 160 875 (toll free-local only)
E-mail: ltinfo.newzealand@philips.com

Pakistan – Philips Lighting
F-54, S.I.T.E.
Karachi-75730, Pakistan
Tel: + 92 21 256 0071
Fax: + 92 21 257 8920
E-mail: ltinfo.pakistan_2@philips.com

Philippines – Philips Lighting
Philips House
106 Valero St. Salcedo Village
1227 Makati City, Philippines
Tel: + 63 2 845 7840
Fax: + 63 2 816 6340
E-mail: ltinfo.philippines@philips.com

Singapore – Philips Lighting
620A Lorong 1 Toa Payoh
Singapore 319762, Singapore
Tel: + 65 6882 3530
Fax: + 65 6253 2343
E-mail: ltinfo.singapore@philips.com

Taiwan – Philips Lighting
25B, No.66, Chung Hsiao W. Road
Sec. 1, Taipei, Taiwan
Tel: + 886 2 2382 7666 or
0800 231 099 (toll free-local only)
Fax: + 886 2 2382 4422
E-mail: ltinfo.taiwan@philips.com

Thailand – Philips Lighting
515 Moo 4, Pattana 3 Road
Bangpoo Industrial Estate, Soi 8B
Preaksa, Samutprakarn 10280, Thailand
Tel: + 66 2 709 3300
Fax: + 66 2 740 4960-1
E-mail: ltinfo.thailand@philips.com

Vietnam – Philips Lighting
99-101 Ham Nghi Street
Ward: Nguyen Thai Binh
District 1, Ho Chi Minh City, Vietnam
Tel: + 84 8 914 2248 Ex.304
Fax: + 84 8 914 2249
E-mail: ltinfo.vietnam@philips.com

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